

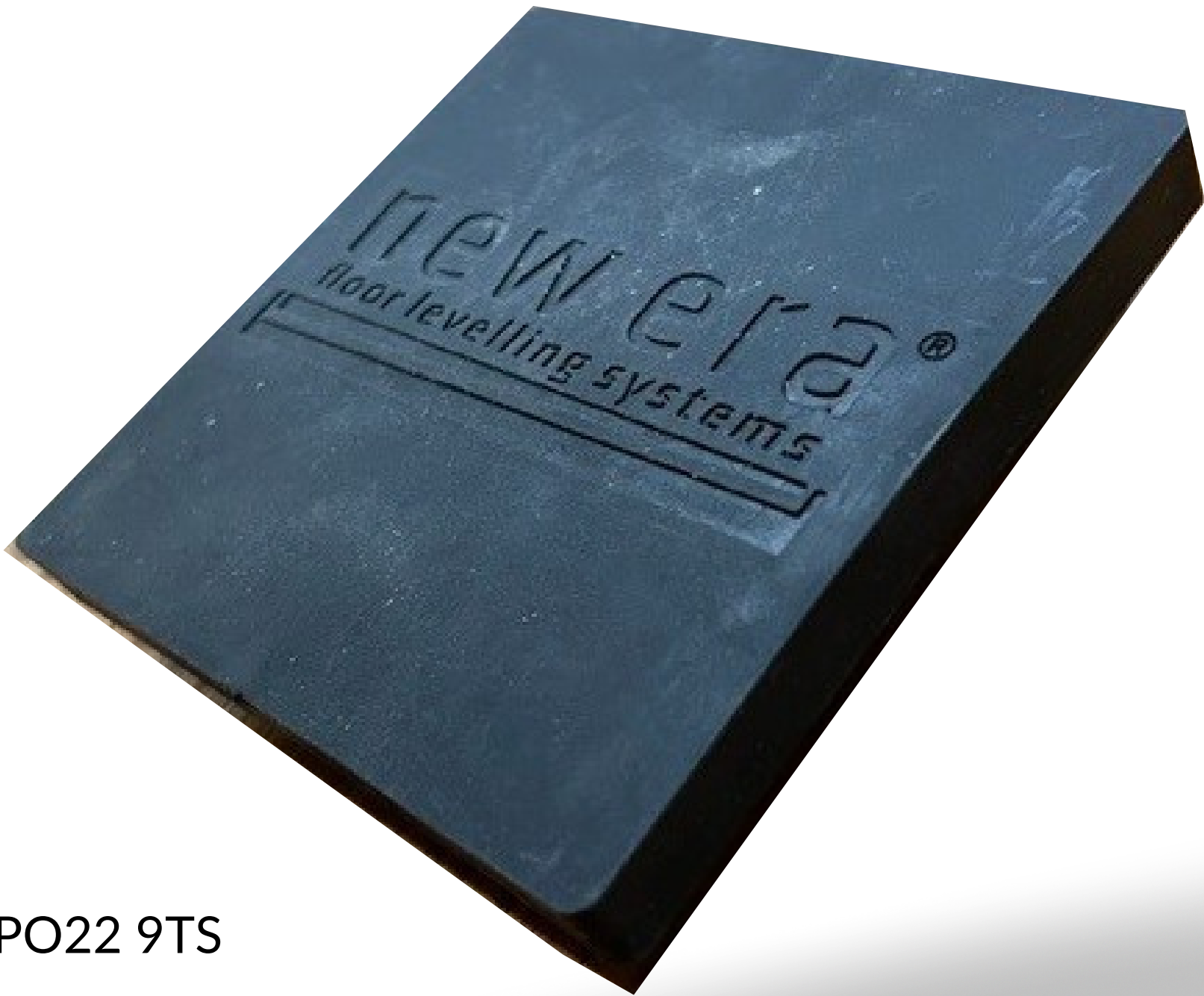
ACOUSTIC PAD

DATA SHEET



Product Identifier

Product form	Granulate
Name	Beocycle TPE INJ546
Product code	98070005476
Application	Injection moulding
Composition	100% recycled material



Details of the material sheet manufacturer

New Era Ltd
Units 1, Southern Cross Trading Estate,, 2 and 3 Beeding Close, Bognor Regis PO22 9TS

Processing Conditions - Guidelines

Hopper	40-60°C
Feeding zone	155-165°C
Compression zone	165-175°C
Metering zone	175-185°C
Nozzle	185-195°C
Mold temperature	30-55°C

Physical, Mechanical and Thermal Properties

Properties ⁽¹⁾		Method	Typical Value	Unit
Physical state			Solid	
Relative density		ISO 1183-1	0.88 - 0.98	g/cm ³
MFI		ISO 1133-1	5	
Coloured in mass	(190°C, 2, 16kg)		No	g/10min
Coloured material			Brown	
UV package			No	
Shore A			93	
Carbon footprint ⁽²⁾		PAS2050	0,730	
Shelf Life ⁽³⁾			6	kg CO ₂ Eq/ kg Months
Mechanical				
Tensile modulus		ISO 527	104	MPa
Tensile strength		ISO 527	7, 9	MPa
Elongation at break		ISO 527	144	%
Flexural modulus		ISO 178	93, 4	MPa
Charpy impact strength		ISO 179	No break	kJ/m ²
	(Unnotched 1eU, 23°C)	ISO 179	No break	kJ/m ²
	(Notched 1eA, 23°C)			